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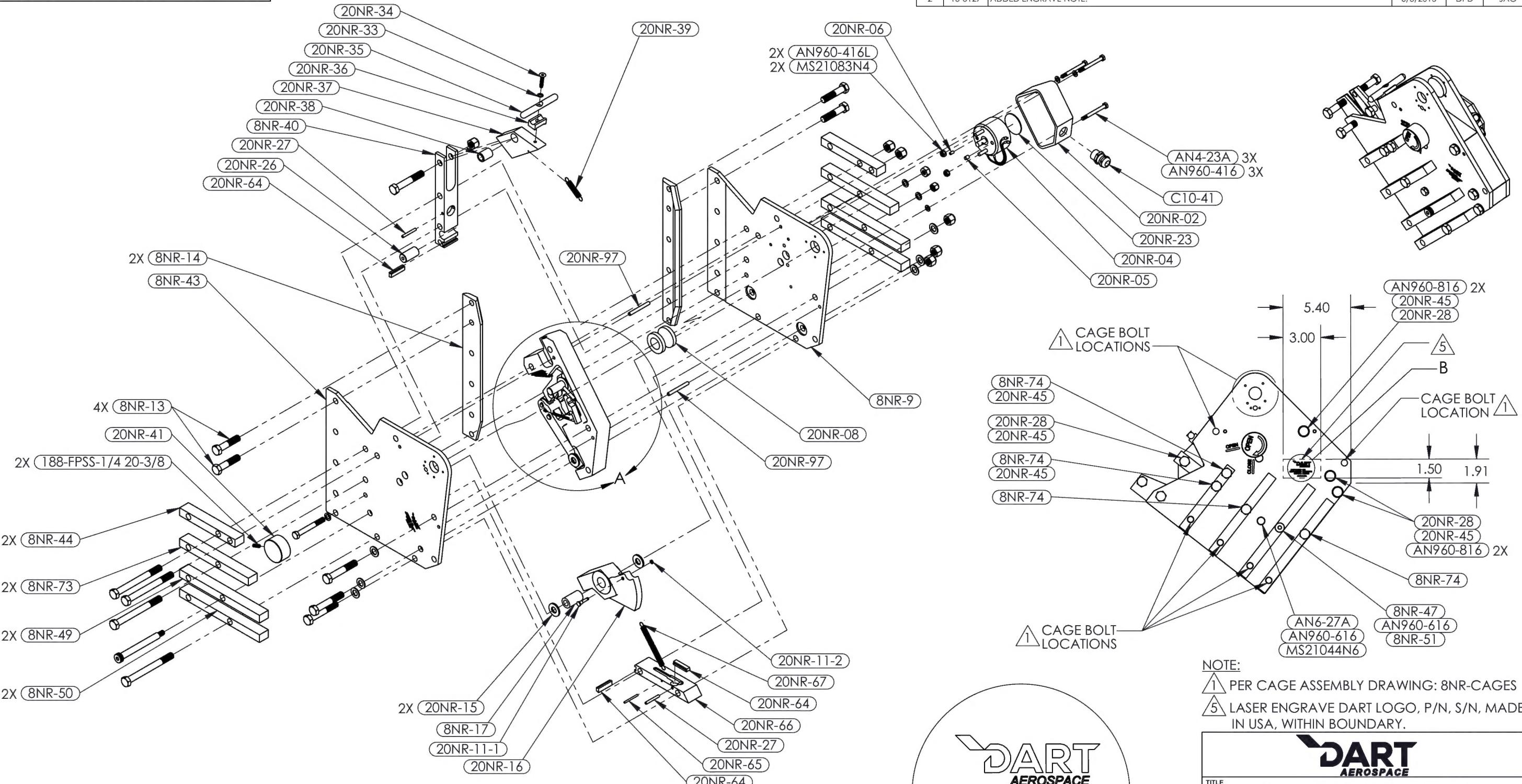
ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
		B/O	C2-14-2	2	LABEL RIVETS	18-8 S.S.	NO 4 (MCMASTER-CARR #91654A106)	N/S
		B/O	C2-3-2-1	2	RETAINING RING	STEEL	Ø5/16 (KAMAN #1400-0031)	3
			C10-9-1	1	LATCH			3
		B/O	C10-9-2	1	LATCH BEARING		(TORRINGTON #6NBC914YZP)	3
			C10-9-5	1	LATCH SHAFT			3
		B/O	C10-41	1	STRAIN RELIEF CONNECTOR	BRASS	1/2 TRADE SIZE (MCMASTER-CARR #6907K14)	2
			8NR-9	1	SIDE PLATE - SOLENOID			2
		B/O	8NR-13	4	RAIL FUNNEL BOLTS	STEEL	1/2-20 X 2-1/4 (MCMASTER-CARR #91257A749)	2
			8NR-14	2	LOAD RAIL			2
		B/O	8NR-17	1	LOAD STOP BUSHING	STEEL	Ø7/8 O.D X Ø.5 I.D. X 1-1/2 (MCMASTER-CARR #8491A741)	2
			8NR-21	1	ACTUATOR SHAFT			3
			8NR-29	2	LATCH PIN BUSHING			3
			8NR-40	1	UPPER RAIL			2
			8NR-43	1	SIDE PLATE - COVER			2
			8NR-44	2	STIFFENER 3 HOLE			2
		B/O	8NR-47	1	SHOULDER BOLT	STEEL	3/8-16 X Ø1/2 X 4-1/4 (MCMASTER-CARR # 91259A729)	2
			8NR-49	2	STIFFENER 2 HOLE			2
			8NR-50	2	STIFFENER OFFSET HOLES			2
		B/O	8NR-51	1	NYLOCK NUT FOR SHOULDER BOLT	STEEL	3/8-16 (MCMASTER-CARR #90630A121)	2
			8NR-73	2	STIFFENER			2
		B/O	8NR-74	4	BOLTS	STEEL	1/2-20 X 5 (MCMASTER-CARR #91257A755)	2
			20NR-02	1	SOLENOID COVER			2
			20NR-04	1	SOLENOID ASSEMBLY			2
		B/O	20NR-05	1	SOLENOID LOCATING PIN	S.S.	Ø1/4 X 3/8 (MCMASTER-CARR #90145A536)	2
		B/O	20NR-06	1	SOLEDOID LOCATING PIN	S.S.	Ø3/16 X 3/8 (MCMASTER-CARR #90145A503)	2
			20NR-08	1	LIFTING BUSHING			2
			20NR-10	1	SPACER			3
			20NR-11-1	2	STEP PIN			3
		B/O	20NR-11-2	2	STEP PIN E-CLIP	S.S.	Ø3/16 (MCMASTER-CARR #98408A126)	3
		B/O	20NR-15	4	PLATE BUSHING	STEEL	O.D. Ø1-1/8 X I.D. Ø17/32 (MCMASTER-CARR #98029A033)	2
			20NR-16	1	LOAD STOP			2
		B/O	20NR-19	1	ACTUATOR PIN SHORT	S.S.	Ø1/4 X 1-1/2 (MCMASTER-CARR #97855A630)	3
		B/O	20NR-20	1	ACTUATOR PIN LONG	S.S.	Ø1/4 X 2 (MCMASTER-CARR #92383A754)	3
		B/O	20NR-22	1	ACTUATOR WASHER	STEEL	Ø5/8 (MCMASTER-CARR #95229A610)	3
			20NR-23	1	RUBBER PAD SOLENOID BACKING	RUBBER	(MCMMASTER-CARR #8609K48) MODIFIED	2
		B/O	20NR-24	2	LATCH RETURN SPRING	STEEL	Ø.25 OD X Ø.023 WIRE (MCMASTER-CARR #9654K519)	3
			20NR-26	1	ROUND BUMPER			2
		B/O	20NR-27	2	SPRING HOLDER PIN	S.S.	Ø3/16 X 1-1/2 (MCMASTER-CARR #90145A514)	2
		B/O	20NR-28	4	KEEPER BOLT	STEEL	1/2-20 X 3 (MCMASTER-CARR #91257A751)	2
		B/O	20NR-33	1	LOCK WASHER KEEPER	S.S.	Ø1/4 (MCMASTER-CARR #90900A030)	2
		B/O	20NR-34	1	KEEPER HANDLE SCREW	STEEL	1/4-20 X 1-1/4 (MCMASTER-CARR #91253A544)	2
			20NR-35	1	KEEPER HANDLE			2
			20NR-36	1	KEEPER HANDLE BLOCK			2
			20NR-37	1	KEEPER			2
		B/O	20NR-38	1	KEEPER BUSHING	STEEL	Ø3/4 X 1 (MCMASTER-CARR #8491A462)	2
		B/O	20NR-39	1	KEEPER SPRING	STEEL	Ø.375 OD X Ø.035 WIRE (MCMASTER-CARR #9654K193)	2
			20NR-41	1	MANUAL RELEASE KNOB			2
		B/O	20NR-45	6	NYLOCK NUT	STEEL	1/2-20 (MCMASTER-CARR #97135A255)	2
			20NR-54	1	LOCK BEARING PIN			3
			20NR-56	1	SPRING ANCHOR	STEEL	8-32 X 7/8 (MCMASTER-CARR #9634K22) MODIFIED	3
		B/O	20NR-57	2	CIRCLIP (LOCK ROLLER PIN)	STEEL	Ø3/8 (MCMASTER-CARR #97633A170)	3
			20NR-58	1	LOCK ROLLER PIN			3
		B/O	20NR-60	1	LOCK BUSHING	STEEL	Ø3/4 X 1-1/2 (MCMASTER-CARR #8491A738)	3
			20NR-61	1	LOCK			3
			20NR-62	1	LOCK ROLLER			3
		B/O	20NR-63	1	BEARING LOCK		Ø1 X 5/8 (MCGILL #CYR-1-S)	3
			20NR-64	3	FLAT BUMPER			2

REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
1		AS DRAWN BY CANAM			8/1/2013	CFS	
2	15-0127	UPDATED TO NEW DRAFTING STANDARDS. REMOVED 20NR-03, 20NR-11. 20NR-17 REPLACED W/ 8NR-17. 20NR-30 REPLACED W/ C10-9-1. 20NR-31 REPLACED W/ C10-9-2. 20NR-32 REPLACED W/ C10-9-5. 20NR-91 REPLACED W/ 600.1309. 20NR-113 REPLACED W/ 600.1325. 8NR-114 REPLACED W/ AN960-616. 20NR-01 REPLACED W/ AN4-23A. 20NR-25 REPLACED W/ 188-FPSS-1032-1/4. 20NR-52-3 REPLACED W/ AN960-616. 20NR-55 REPLACED W/ C2-3-2-1. 20NR-92 REPLACED W/ C2-14-2. 20NR-110 REPLACED W/ MS21083N4. 20NR-111 REPLACED W/ AN960-416L. 20NR-115 REPLACED W/ C10-41. 32446 REPLACED W/ 32448. AN365-624A REPLACED W/ MS21044N6. UPDATED P/N'S TO MIL SPEC NUMBERS. ADDED 600.1309-A, AN960-416 QTY 3, AN960-816 QTY 6. 20NR-24 CHD' B/O REF. WAS #9654K193 IS 9654K519. ADDED LASER ENGRAVE NOTE. ADDED REBUILD ONLY NOTES.	6/3/2015	DPD	JAG		
3	16-0156	20NR-97 ADDED TO BOM QTY 2.			9/30/2016	DPD	JAG

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
		B/O	20NR-65	1	BACK SPACER BUMPER PIN	S.S.	Ø1/8 X 1-1/2 (MCMASTER-CARR #90145A884)	2
			20NR-66	1	SIDE RAIL			2
		B/O	20NR-67	1	LOAD STOP RETURN SPRING	STEEL	Ø.375 OD X Ø.035 WIRE (MCMASTER-CARR #9654K916)	2
		B/O	20NR-68	1	LIGHT RELEASE SPRING	STEEL	Ø.028 WIRE X 3-1/8 DENDOFF	3
		B/O	20NR-69	1	LIGHT RELEASE PIVOT SHAFT	S.S.	Ø1/4 X 1-1/2 (MCMASTER-CARR #90145A546)	3
			20NR-70	1	LIGHT RELEASE LEVER			3
		B/O	20NR-71	1	STOP PIN	S.S.	Ø1/8 X 1 (MCMASTER-CARR #98380A475)	3
			20NR-72	1	LIGHT RELEASE PIVOT BUSHING			3
		B/O	20NR-97	2	LOCATING PIN	STEEL	Ø1/4 X 2-1/4 (MCMASTER-CARR #98381A551)	2
	X		20NR-117	1	WIRE ASSEMBLY			3
	1	B/O	EL314-SJTOW		ELECTRICAL WIRE 3/14 SJTOW		(TEXCAN 314-SJTOW)	3
	1	B/O	EL-PLUG-M		MALE PLUG		PE High Density (MCMASTER-CARR #7216K5)	3
	1	B/O			HEAT SHRINK TUBE		RUBBER (MCMASTER-CARR #2595K22)	N/S
	2	B/O	32448		16-14 AWG KNIFE CONNECTOR		(ALLIED ELECTRONICS #32448)	3
			600.1309	1	LABEL			N/S
			600.1309-A	1	LABEL			N/S
		B/O	600.1325	1	SOLENOID WARNING STICKER	VINYL	3/4 X 3 (SIGNS NOW)	N/S
		B/O	188-FPSS-1032-1/4	2	SET SCREW	S.S.	10-32 X 1/4 (MCMASTER-CARR #94355A330)	3
		B/O	188-FPSS-1/4 20-3/8	2	SET SCREW	S.S.	1/4-20 (MCMASTER-CARR #92313A535)	2
		B/O	AN4-23A	3	BOLT	STEEL	1/4-28 X 2.41	2
		B/O	AN6-27A	1	AN6 BOLT	STEEL	3/8-24 X 2.953	2
		B/O	AN960-416	3	WASHER	STEEL	1/4	2
		B/O	AN960-416L	2	WASHER	STEEL	Ø1/4	2
		B/O	AN960-616					

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REV		ECR	DESCRIPTION		DATE	INITIAL	APPROVED
2	15-0127		ADDED ENGRAVE NOTE.		6/3/2015	DPD	JAG

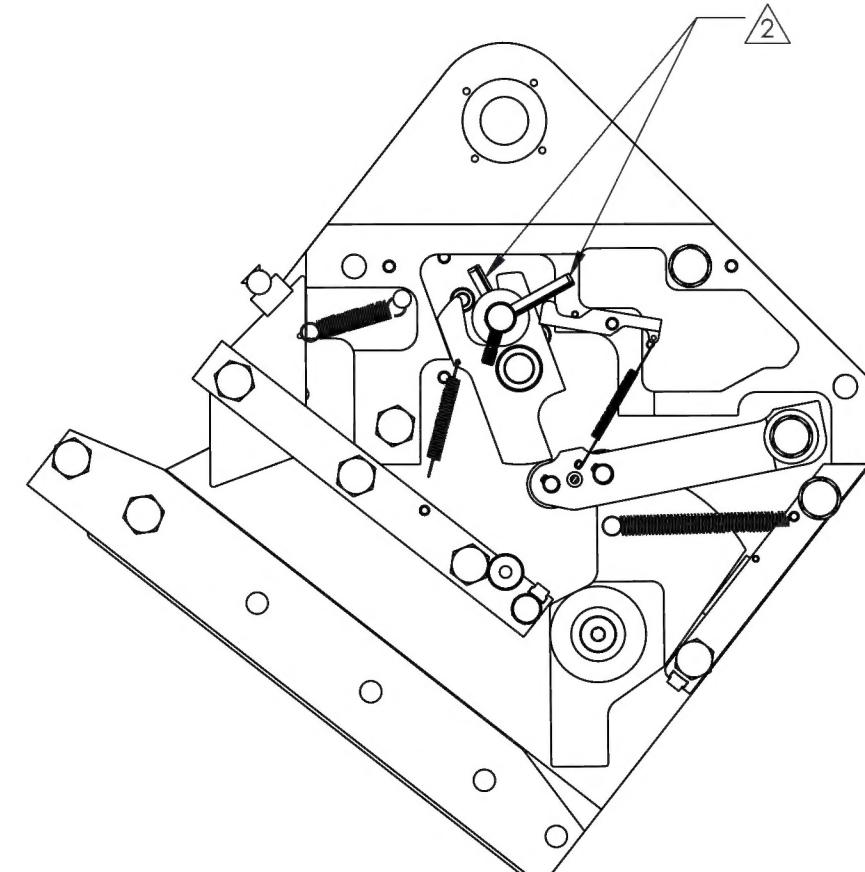
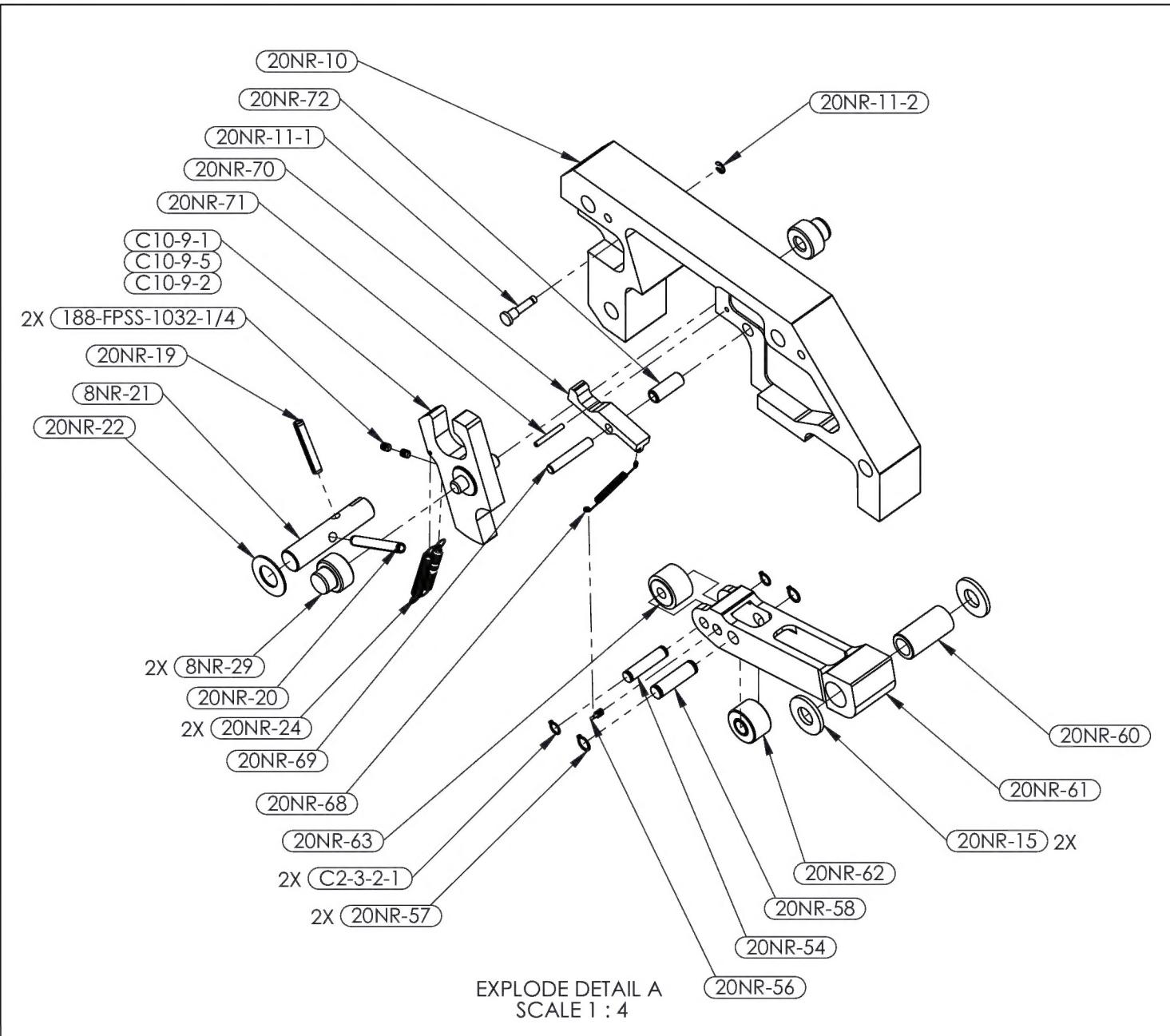


PART NUMBER: 8NR
SERIAL NUMBER: XXXXXXXXXX
CAPACITY: 8,000 LBS

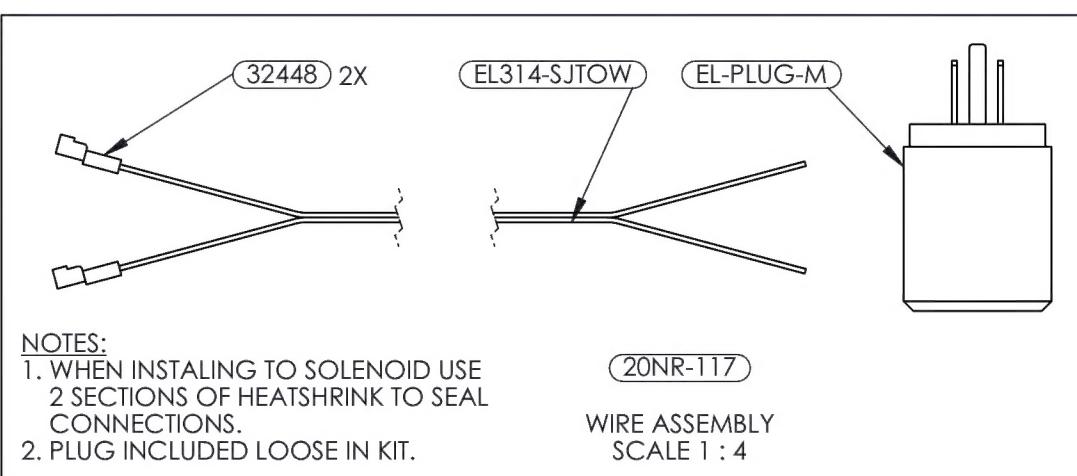
MADE IN USA

DETAIL B
SCALE 1 : 1

TITLE		REV
8NR		3
DWG NO.		
MATERIAL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT		.XXX ± .005 FRACTIONS ± 1/8
FINISH		.XX ± .01 ANGLES ± 5°
SPEC		X ± .1 SURFACES = 125
DRAWN BY:	CANAM	1. BREAK ALL SHARP EDGES ✓
CHECKED:	CLOUGH	.015 x 45° OR .015R
OPPS APPR:	ANDERSON	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
QA APPR:	LINDSAY	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
APPROVED:	GILBERT	USED ON MODEL
SCALE	1:8	DATE 12/1/1995
		SHEET 2 OF 3



COVER REMOVED TO SHOW INTERNAL DETAIL



NOTES:
 1. WHEN INSTALLING TO SOLENOID USE
 2 SECTIONS OF HEATSHRINK TO SEAL
 CONNECTIONS.
 2. PLUG INCLUDED LOOSE IN KIT.

WIRE ASSEMBLY
 SCALE 1 : 4

NOTE:
 △ 20NR-19 AND 20NR-20 PRESSED THRU 20NR-21
 FLUSH TO SURFACE..

TITLE		DWG NO.	REV
8NR NUBBINS RECEIVER		8NR	3
MATERIAL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT	TREAT	.XXX ± .005	FRACTIONS ± 1/8
FINISH		.XX ± .01	ANGLES ± 5°
X		X ± .1	SURFACES = 125
SPEC		1. BREAK ALL SHARP EDGES .015 x 45° OR. 015R	
DRAWN BY:	CANAM	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
CHECKED:	CLOUGH	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
OPPS APPR:	ANDERSON	USED ON MODEL	
QA APPR:	LINDSAY		
APPROVED:	GILBERT		
SCALE	1:4	DATE	12/1/1995
			SHEET 3 OF 3